

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	("20050144508").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 16:36
S1	1	10/817344	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 16:36
S4	2	((("5966510") or ("20050086397"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/16 17:19
S3	0	("2005/0144508").URPN.	USPAT	OR	OFF	2006/10/16 17:19
S5	11	((("4291404") or ("4559626") or ("4639664") or ("5243274") or ("6031386") or ("6055653") or ("6112163") or ("6195616") or ("6198273") or ("6452411") or ("6499121"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/16 17:20
S7	46	("3660832"   "3704363"   "5148432"   "5303214"   "5313585"   "5313626"   "5337413"   "5337414"   "5367647"   "5367669"   "5367670"   "5502838"   "5548784"   "5586250").PN. OR ("5966510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 17:23
S8	6	("4992850"   "5961657").PN. OR ("6055653").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 17:27
S6	13	(S4 S5) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/16 17:29
S14	9	quickfind	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 09:53
S13	0	quickfind adj diagnostic\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 09:53

## EAST Search History

S15	25	("3701132"   "3733588"   "4298932"   "4344132"   "5283872"   "5367647"   "5452420"   "5586250"   "5664119"   "5680579"   "5729763"   "5758171"   "5768551"   "5797018"   "5809337"   "5812752"   "5835700"   "5875313"   "5948075"   "5966510"   "6148352"   "6154791"   "6349357").PN. OR ("6505272"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 10:25
S16	98	("3704363"   "5148432"   "5313585"   "5313626"   "5337414"   "5367669").PN. OR ("5586250").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 10:30
S17	19	("20020038387"   "20020044562"   "20020046276"   "20020054477"   "20030051194"   "5500940"   "5819028"   "5890214"   "5966510"   "6018809"   "6122758"   "6148418"   "6188973"   "6308289"   "6510532"   "6513074"   "6532552"   "6564276"   "6629062").PN. OR ("6826714"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 10:39
S18	13	("20020044562"   "20020046276"   "20020054477"   "20030051194"   "5966510"   "6018809"   "6510532"   "6513074").PN. OR ("6629062").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 10:41
S19	55	("4727475"   "4773005"   "4783730"   "4821170"   "4864532"   "4965801"   "5033049"   "5068785"   "5081578"   "5129072"   "5163131"   "5175822"   "5182800"   "5239632"   "5283872"   "5293624").PN. OR ("5367647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 10:47

## EAST Search History

S20	30	("20010039632"   "20020002651"   "20020002690"   "20020007447"   "20020053010"   "20030005367"   "20030014587"   "20030041211"   "20030070043"   "20030088805"   "20040010660"   "4817035"   "5034935"   "5557499"   "5572659"   "5586250"   "5623691"   "5754112"   "5835700"   "5880955"   "5913926"   "5966510"   "6076142"   "6098146"   "6101559"   "6223250"   "6487623"   "6560729"   "6577912"   "6651138").PN. OR ("6907500").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 11:18
S24	6	("4992850"   "5961657").PN. OR ("6055653").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 11:19
S23	46	("3660832"   "3704363"   "5148432"   "5303214"   "5313585"   "5313626"   "5337413"   "5337414"   "5367647"   "5367669"   "5367670"   "5502838"   "5548784"   "5586250").PN. OR ("5966510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 11:19
S22	11	((("4291404") or ("4559626") or ("4639664") or ("5243274") or ("6031386") or ("6055653") or ("6112163") or ("6195616") or ("6198273") or ("6452411") or ("6499121"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/17 11:19
S21	2	((("5966510") or ("20050086397"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/17 11:19
S9	52	((S7 S8) not (S4 S5)) and (@ad<="20040402" @pd<="20040402" @riad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 11:19
S26	9	("2002/0054477").URPN.	USPAT	OR	OFF	2006/10/17 14:30
S27	35	("3426323"   "4092732"   "4635030"   "4635183"   "4747047"   "4754397"   "4775978"   "4817035"   "4849927"   "4849929"   "5124987"   "5220569"   "5305013"   "5367670"   "5440716"   "5471617"   "5592648").PN. OR ("5880955").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 16:06

## EAST Search History

S28	11	("3594784"   "5379184").PN. OR ("5754112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 16:09
S25	198	((S15 S16 S17 S18 S19 S20) not (S23 S24 S21 S22)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 16:29
S30	11	("4509046"   "4586034"   "4727353"   "4837565").PN. OR ("5305013").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 16:31
S31	8	("4706073"   "5394459"   "5754112"   "5790374"   "5850539"   "5877938"   "6061244"   "6459571").PN. OR ("6867701").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 16:36
S29	45	((S26 S27 S28) not (S15 S16 S17 S18 S19 S20 S23 S24 S21 S22)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 16:43
S33	15	("5214762"   "5305013"   "5390327"   "5581690"   "5596708"   "5737744"   "5761527"   "5774643"   "5790374"   "5881250"   "5889930"   "5952985"   "6191758"   "6425053"   "6532505").PN. OR ("6924780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 16:45
S34	39	("4504830"   "4531122"   "4710858"   "4987401"   "5144691"   "5396350"   "5453855"   "5481440").PN. OR ("5790374").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 16:47
S32	14	((S30 S31) not (S26 S27 S28 S15 S16 S17 S18 S19 S20 S23 S24 S21 S22)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 16:58

## EAST Search History

S36	16	("4717216"   "5460441"   "5740378"   "5790374"   "5822184"   "6061250"   "6134615"   "6153947"   "6219229"   "6247080"   "6324608"   "6418492"   "6525926"   "6532545"   "6658019").PN. OR ("6778409"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 17:36
S37	6	("5790374"   "6167492"   "6292360"   "6385705"   "6490661"   "6628513").PN. OR ("6970352").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/17 17:40
S41	483	(714/46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 17:46
S40	712	(714/42).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 17:46
S39	990	(714/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 17:46
S38	16	((S36 S37) not (S33 S34 S30 S31 S26 S27 S28 S15 S16 S17 S18 S19 S20 S23 S24 S21 S22)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 17:46
S42	373	(714/57).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:17
S48	273	S43 and (S44 S45 S46 S47)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:36
S47	373	(714/57).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:36

## EAST Search History

S46	483	(714/46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:36
S45	712	(714/42).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:36
S44	990	(714/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:36
S65	39	("4504830"   "4531122"   "4710858"   "4987401"   "5144691"   "5396350"   "5453855"   "5481440").PN. OR ("5790374").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S64	15	("5214762"   "5305013"   "5390327"   "5581690"   "5596708"   "5737744"   "5761527"   "5774643"   "5790374"   "5881250"   "5889930"   "5952985"   "6191758"   "6425053"   "6532505").PN. OR ("6924780"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S63	8	("4706073"   "5394459"   "5754112"   "5790374"   "5850539"   "5877938"   "6061244"   "6459571").PN. OR ("6867701").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S62	11	("4509046"   "4586034"   "4727353"   "4837565").PN. OR ("5305013").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S61	11	("3594784"   "5379184").PN. OR ("5754112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S60	35	("3426323"   "4092732"   "4635030"   "4635183"   "4747047"   "4754397"   "4775978"   "4817035"   "4849927"   "4849929"   "5124987"   "5220569"   "5305013"   "5367670"   "5440716"   "5471617"   "5592648").PN. OR ("5880955"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38

## EAST Search History

S59	9	("2002/0054477").URPN.	USPAT	OR	OFF	2006/10/18 09:38
S58	6	("4992850"   "5961657").PN. OR ("6055653").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S57	46	("3660832"   "3704363"   "5148432"   "5303214"   "5313585"   "5313626"   "5337413"   "5337414"   "5367647"   "5367669"   "5367670"   "5502838"   "5548784"   "5586250").PN. OR ("5966510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S56	11	((("4291404") or ("4559626") or ("4639664") or ("5243274") or ("6031386") or ("6055653") or ("6112163") or ("6195616") or ("6198273") or ("6452411") or ("6499121"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/18 09:38
S55	2	((("5966510") or ("20050086397"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/18 09:38
S54	30	("20010039632"   "20020002651"   "20020002690"   "20020007447"   "20020053010"   "20030005367"   "20030014587"   "20030041211"   "20030070043"   "20030088805"   "20040010660"   "4817035"   "5034935"   "5557499"   "5572659"   "5586250"   "5623691"   "5754112"   "5835700"   "5880955"   "5913926"   "5966510"   "6076142"   "6098146"   "6101559"   "6223250"   "6487623"   "6560729"   "6577912"   "6651138").PN. OR ("6907500").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S53	55	("4727475"   "4773005"   "4783730"   "4821170"   "4864532"   "4965801"   "5033049"   "5068785"   "5081578"   "5129072"   "5163131"   "5175822"   "5182800"   "5239632"   "5283872"   "5293624").PN. OR ("5367647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S52	13	("20020044562"   "20020046276"   "20020054477"   "20030051194"   "5966510"   "6018809"   "6510532"   "6513074").PN. OR ("6629062").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38

## EAST Search History

S51	19	("20020038387"   "20020044562"   "20020046276"   "20020054477"   "20030051194"   "5500940"   "5819028"   "5890214"   "5966510"   "6018809"   "6122758"   "6148418"   "6188973"   "6308289"   "6510532"   "6513074"   "6532552"   "6564276"   "6629062").PN. OR ("6826714").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S50	98	("3704363"   "5148432"   "5313585"   "5313626"   "5337414"   "5367669").PN. OR ("5586250").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S49	25	("3701132"   "3733588"   "4298932"   "4344132"   "5283872"   "5367647"   "5452420"   "5586250"   "5664119"   "5680579"   "5729763"   "5758171"   "5768551"   "5797018"   "5809337"   "5812752"   "5835700"   "5875313"   "5948075"   "5966510"   "6148352"   "6154791"   "6349357").PN. OR ("6505272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 09:38
S35	49	((S33 S34) not (S30 S31 S26 S27 S28 S15 S16 S17 S18 S19 S20 S23 S24 S21 S22)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:38
S43	377615	((service\$1 management\$1 manage\$1 managing diagnostic\$1 supervisor\$1 control\$4 user\$1 status\$2 information\$2) with (panel\$1 interface\$1 display\$3 console\$1 led leds indicat\$4)) and (rack\$1 blade\$1 cabinet\$1 drawer\$1 enclosure\$1 shelf\$1 shelves housing\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:56
S69	178	(S46 S47) and (portabl\$1 transportabl\$1 detachabl\$1 insertabl\$1 plugin\$1 plug-in\$1 pluggabl\$1 removabl\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:57



## EAST Search History

S68	62	S67 and (S44 S45)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:57
S66	247	(S48 not (S64 S65 S62 S63 S59 S60 S61 S49 S50 S51 S52 S53 S54 S57 S58 S55 S56)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 09:58
S74	8	("6057863"   "6343324"   "6393535"   "6412068"   "6425035"   "6538669"   "6553408"   "6578122").PN. OR ("6684266").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 10:47
S73	2	("6684266").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/18 10:47
S72	4	("2002/0133736").URPN.	USPAT	OR	OFF	2006/10/18 10:47
S75	25	("4843544"   "4998069"   "5239632"   "5257393").PN. OR ("5361346").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 11:02
S76	22	("4348761"   "4718064"   "4837764"   "4944679"   "4949036"   "4967155"   "5361346"   "5390324"   "5422890"   "5442305"   "5644705"   "5764545"   "5835703"   "5856624"   "5859358"   "5881221"   "5978751"   "6094973"   "6169413"   "6279122").PN. OR ("6434499").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 11:04
S77	36718	((service\$1 management\$1 manage\$1 managing diagnostic\$1 supervisor\$1 control\$4 user\$1 status\$2 information\$2) near3 (panel\$1 interface\$1 display\$3 console\$1 led leds indicat\$4)) with (portabl\$1 transportabl\$1 detachabl\$1 insertabl\$1 plugin\$1 plug-in\$1 pluggabl\$1 removabl\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:12

## EAST Search History

S67	112358	((service\$1 management\$1 manage\$1 managing diagnostic\$1 supervisor\$1 control\$4 user\$1 status\$2 information\$2) with (panel\$1 interface\$1 display\$3 console\$1 led leds indicat\$4)) same (portabl\$1 transportabl\$1 detachabl\$1 insertabl\$1 plugin\$1 plug-in\$1 pluggabl\$1 removabl\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:12
S10 1	178	(S80 S81) and (portabl\$1 transportabl\$1 detachabl\$1 insertabl\$1 plugin\$1 plug-in\$1 pluggabl\$1 removabl\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S10 0	62	S99 and (S78 S79)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S99	112547	((service\$1 management\$1 manage\$1 managing diagnostic\$1 supervisor\$1 control\$4 user\$1 status\$2 information\$2) with (panel\$1 interface\$1 display\$3 console\$1 led leds indicat\$4)) same (portabl\$1 transportabl\$1 detachabl\$1 insertabl\$1 plugin\$1 plug-in\$1 pluggabl\$1 removabl\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S98	39	("4504830"   "4531122"   "4710858"   "4987401"   "5144691"   "5396350"   "5453855"   "5481440").PN. OR ("5790374").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S97	15	("5214762"   "5305013"   "5390327"   "5581690"   "5596708"   "5737744"   "5761527"   "5774643"   "5790374"   "5881250"   "5889930"   "5952985"   "6191758"   "6425053"   "6532505").PN. OR ("6924780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S96	8	("4706073"   "5394459"   "5754112"   "5790374"   "5850539"   "5877938"   "6061244"   "6459571").PN. OR ("6867701").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S95	11	("4509046"   "4586034"   "4727353"   "4837565").PN. OR ("5305013").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24

## EAST Search History

S94	11	("3594784"   "5379184").PN. OR ("5754112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S93	35	("3426323"   "4092732"   "4635030"   "4635183"   "4747047"   "4754397"   "4775978"   "4817035"   "4849927"   "4849929"   "5124987"   "5220569"   "5305013"   "5367670"   "5440716"   "5471617"   "5592648").PN. OR ("5880955").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S92	9	("2002/0054477").URPN.	USPAT	OR	OFF	2006/10/19 10:24
S91	6	("4992850"   "5961657").PN. OR ("6055653").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S90	46	("3660832"   "3704363"   "5148432"   "5303214"   "5313585"   "5313626"   "5337413"   "5337414"   "5367647"   "5367669"   "5367670"   "5502838"   "5548784"   "5586250").PN. OR ("5966510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S89	11	((("4291404") or ("4559626") or ("4639664") or ("5243274") or ("6031386") or ("6055653") or ("6112163") or ("6195616") or ("6198273") or ("6452411") or ("6499121"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/19 10:24
S88	2	((("5966510") or ("20050086397"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/19 10:24
S87	30	("20010039632"   "20020002651"   "20020002690"   "20020007447"   "20020053010"   "20030005367"   "20030014587"   "20030041211"   "20030070043"   "20030088805"   "20040010660"   "4817035"   "5034935"   "5557499"   "5572659"   "5586250"   "5623691"   "5754112"   "5835700"   "5880955"   "5913926"   "5966510"   "6076142"   "6098146"   "6101559"   "6223250"   "6487623"   "6560729"   "6577912"   "6651138").PN. OR ("6907500").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24

## EAST Search History

S86	55	("4727475"   "4773005"   "4783730"   "4821170"   "4864532"   "4965801"   "5033049"   "5068785"   "5081578"   "5129072"   "5163131"   "5175822"   "5182800"   "5239632"   "5283872"   "5293624").PN. OR ("5367647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S85	13	("20020044562"   "20020046276"   "20020054477"   "20030051194"   "5966510"   "6018809"   "6510532"   "6513074").PN. OR ("6629062").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S84	19	("20020038387"   "20020044562"   "20020046276"   "20020054477"   "20030051194"   "5500940"   "5819028"   "5890214"   "5966510"   "6018809"   "6122758"   "6148418"   "6188973"   "6308289"   "6510532"   "6513074"   "6532552"   "6564276"   "6629062").PN. OR ("6826714"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S83	98	("3704363"   "5148432"   "5313585"   "5313626"   "5337414"   "5367669").PN. OR ("5586250").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S82	25	("3701132"   "3733588"   "4298932"   "4344132"   "5283872"   "5367647"   "5452420"   "5586250"   "5664119"   "5680579"   "5729763"   "5758171"   "5768551"   "5797018"   "5809337"   "5812752"   "5835700"   "5875313"   "5948075"   "5966510"   "6148352"   "6154791"   "6349357").PN. OR ("6505272"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 10:24
S81	373	(714/57).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24

## EAST Search History

S80	483	(714/46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S79	712	(714/42).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S78	990	(714/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S70	171	(S69 not (S64 S65 S62 S63 S59 S60 S61 S49 S50 S51 S52 S53 S54 S57 S58 S55 S56)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 10:24
S10 4	16	("3623011"   "4695946"   "4701845"   "5088022"   "5163052"   "5179695"   "5200958"   "5267246").PN. OR ("5864659").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 13:25
S10 5	43	("3711691"   "4168796"   "4489414"   "4567592"   "4608531"   "4718064"   "4724378"   "4736374").PN. OR ("4837764").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/19 14:15
S10 2	171	(S101 not (S100 S97 S98 S95 S96 S92 S93 S94 S82 S83 S84 S85 S86 S87 S90 S91 S88 S89)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 15:54
S10 6	57	((S104 S105) not (S101 S100 S97 S98 S95 S96 S92 S93 S94 S82 S83 S84 S85 S86 S87 S90 S91 S88 S89)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 16:24

## EAST Search History

S71	54	(S68 not (S64 S65 S62 S63 S59 S60 S61 S49 S50 S51 S52 S53 S54 S57 S58 S55 S56)) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 16:34
S10 7	2	("20020046276").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 17:17
S10 8	35	(US-20050240825-\$ or US-20050144508-\$ or US-20020054477-\$ or US-20020133736-\$ or US-20020046276-\$).did. or (US-5966510-\$ or US-6055653-\$ or US-6505272-\$ or US-5586250-\$ or US-6961767-\$ or US-6826714-\$ or US-6629062-\$ or US-5367647-\$ or US-6907500-\$ or US-5880955-\$ or US-5754112-\$ or US-6927961-\$ or US-6101559-\$ or US-5305013-\$ or US-6867701-\$ or US-6924780-\$ or US-5790374-\$ or US-6778409-\$ or US-6658218-\$ or US-6970352-\$ or US-6684266-\$ or US-5361346-\$ or US-6434499-\$ or US-4034195-\$ or US-4168796-\$ or US-3815097-\$).did. or (US-5864659-\$ or US-4837764-\$ or US-6434498-\$).did. or (US-20020133736-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/10/19 17:19
S10 9	11	S108 and (batter\$3)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/10/20 10:33
S11 2	0	S110 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:16

## EAST Search History

S11 1	35	(US-20050240825-\$ or US-20050144508-\$ or US-20020054477-\$ or US-20020133736-\$ or US-20020046276-\$).did. or (US-5966510-\$ or US-6055653-\$ or US-6505272-\$ or US-5586250-\$ or US-6961767-\$ or US-6826714-\$ or US-6629062-\$ or US-5367647-\$ or US-6907500-\$ or US-5880955-\$ or US-5754112-\$ or US-6927961-\$ or US-6101559-\$ or US-5305013-\$ or US-6867701-\$ or US-6924780-\$ or US-5790374-\$ or US-6778409-\$ or US-6658218-\$ or US-6970352-\$ or US-6684266-\$ or US-5361346-\$ or US-6434499-\$ or US-4034195-\$ or US-4168796-\$ or US-3815097-\$).did. or (US-5864659-\$ or US-4837764-\$ or US-6434498-\$).did. or (US-20020133736-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/10/20 11:16
S11 3	39	S110 and "714".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:17
S11 7	18	S115 and "714".clas. and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:18
S11 6	290	(nonvolatile non-volatile) with (status near register\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:18
S11 5	110	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) ) with (status near register\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:18
S11 0	433	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) ) with (cache\$1 caching buffer\$3) with (command\$1 instruction\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:24

## EAST Search History

S11 8	4	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) ) and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 11:27
S11 9	400	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) ) with (preserv\$6 store\$1 storing) with (status\$2 state\$1 indicator\$1 identifier\$1) with (failure\$1 fault\$1 erroneous defect\$4 problem\$4 malfunction\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 12:11
S11 4	35	S110 and "714".clas. and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 12:16
S12 1	48	((nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) flash ) with (preserv\$6 store\$1 storing) with (status\$2 state\$1 indicator\$1 identifier\$1) with (failure\$1 fault\$1 erroneous defect\$4 problem\$4 malfunction\$3)) same ((power\$3 down off unavailable) with (access\$3 read\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 12:18
S12 2	48	S121 and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 12:19
S12 3	3	S121 and "714".clas. and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 12:39
S12 6	63	("3544777"   "3692988"   "3938095"   "3978457"   "4031375"   "4063081"   "4090247"   "4093985"   "4093999"   "4096560"   "4097923"   "4130240"   "4131942"   "4145761"   "4217486"   "4251874").PN. OR ("4484307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 13:28
S12 4	159	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) flash ) with (preserv\$6 store\$1 storing) with (location\$1) with (failure\$1 fault\$1 erroneous defect\$4 problem\$4 malfunction\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:32



## EAST Search History

S12 5	40	S124 and "714".clas. and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 13:34
S12 0	500	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) flash ) with (preserv\$6 store\$1 storing) with (status\$2 state\$1 indicator\$1 identifier\$1) with (failure\$1 fault\$1 erroneous defect\$4 problem\$4 malfunction\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 14:27
S12 8	22	S127 and "714".clas. and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:06
S12 7	124	(nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) flash ) with ((error\$1 fault\$1 failure\$1) near (log logs))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:06
S12 9	6	((nvmem\$1 ((nonvolatile non-volatile) adj memor\$3) flash ) with ((error\$1 fault\$1 failure\$1) near (log logs))) and (((disk disc) near array\$3) raid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:09
S13 0	3	S129 and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:10

## EAST Search History

S13 3	42	(US-20050240825-\$ or US-20050144508-\$ or US-20020054477-\$ or US-20020133736-\$ or US-20020046276-\$ or US-20020188873-\$).did. or (US-5966510-\$ or US-6055653-\$ or US-6505272-\$ or US-5586250-\$ or US-6961767-\$ or US-6826714-\$ or US-6629062-\$ or US-5367647-\$ or US-6907500-\$ or US-5880955-\$ or US-5754112-\$ or US-6927961-\$ or US-6101559-\$ or US-5305013-\$ or US-6867701-\$ or US-6924780-\$ or US-5790374-\$ or US-6778409-\$ or US-6658218-\$ or US-6970352-\$ or US-6684266-\$ or US-5361346-\$ or US-6434499-\$ or US-4034195-\$ or US-4168796-\$ or US-3815097-\$).did. or (US-5864659-\$ or US-4837764-\$ or US-6434498-\$ or US-5307480-\$ or US-6697973-\$ or US-4484307-\$ or US-4970726-\$ or US-7055071-\$).did. or (JP-58101355-\$).did. or (US-20020133736-\$).did.	US-PGPUB; USPAT; JPO; DERWENT.	OR	OFF	2006/10/20 16:11
S13 1	11	(S121 S125 S127) and (((disk disc) near array\$3) raid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:13
S13 2	8	S131 and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:14
S13 4	41	((remote\$2) with (diagnos\$7)) same (((disk disc) near array\$3) raid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:15
S13 6	74	((remote\$2) with (display\$3 indicat\$4)) same (((disk disc) near array\$3) raid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:16

## EAST Search History

S13 5	37	S134 and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:17
S13 7	22	((remote\$2) with (display\$3 indicat\$4) with (status\$2 fail\$4 fault\$1 malfunction\$4 error\$1 erroneous\$2 abnormal\$5 problem\$4)) same (((disk disc) near array\$3) raid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:27
S13 9	280	((display\$3 indicat\$4 identif\$8 isolat\$3) near3 (locat\$4 position\$4 site\$1 where whereabouts place\$1 area\$1)) with ((fail\$4 fault\$1 malfunction\$4 error\$1 erroneous\$2 abnormal\$5 problem\$4) near3 (disk disc))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:32
S13 8	21	S137 and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:33
S14 0	105	((display\$3 indicat\$4 identif\$8 isolat\$3) near3 (locat\$4 position\$4 site\$1 where whereabouts place\$1 area\$1)) with ((fail\$4 fault\$1 malfunction\$4 error\$1 erroneous\$2 abnormal\$5 problem\$4) near3 (disk\$1 disc\$1 storage\$1))) and (((disc\$1 disk\$1 storage\$1) near array\$3) raid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:34
S14 2	219	((display\$3 indicat\$4 identif\$8 isolat\$3) near3 (locat\$4 position\$4 site\$1 where whereabouts place\$1 area\$1)) with ((fail\$4 fault\$1 malfunction\$4 error\$1 erroneous\$2 abnormal\$5 problem\$4) near3 (disk\$1 disc\$1 storage\$1))) and (((disc\$1 disk\$1 storage\$1) near array\$3 plural\$3) raid) and (led leds lcd monitor\$1 gui console\$1 panel\$1 crt)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 16:38

## EAST Search History

S14 3	72	((((display\$3 indicat\$4 identif\$8 isolat\$3) near3 (locat\$4 position\$4 site\$1 where whereabouts place\$1 area\$1)) with ((fail\$4 fault\$1 malfunction\$4 error\$1 erroneous\$2 abnormal\$5 problem\$4) near3 (disk\$1 disc\$1 storage\$1))) and (((disc\$1 disk\$1 storage\$1) near (array\$3 plural\$3)) raid) and (led leds lcd monitor\$1 gui console\$1 panel\$1 crt display\$1) and ("340" "345" "361" "700" "702" "709" "710" "711" "714").clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 17:32
S14 4	25	(S143 not S141) and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 17:34
S14 1	90	S140 and (@ad<="20040402" @pd<="20040402" @rlad<="20040402" @prad<="20040402")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/20 17:34